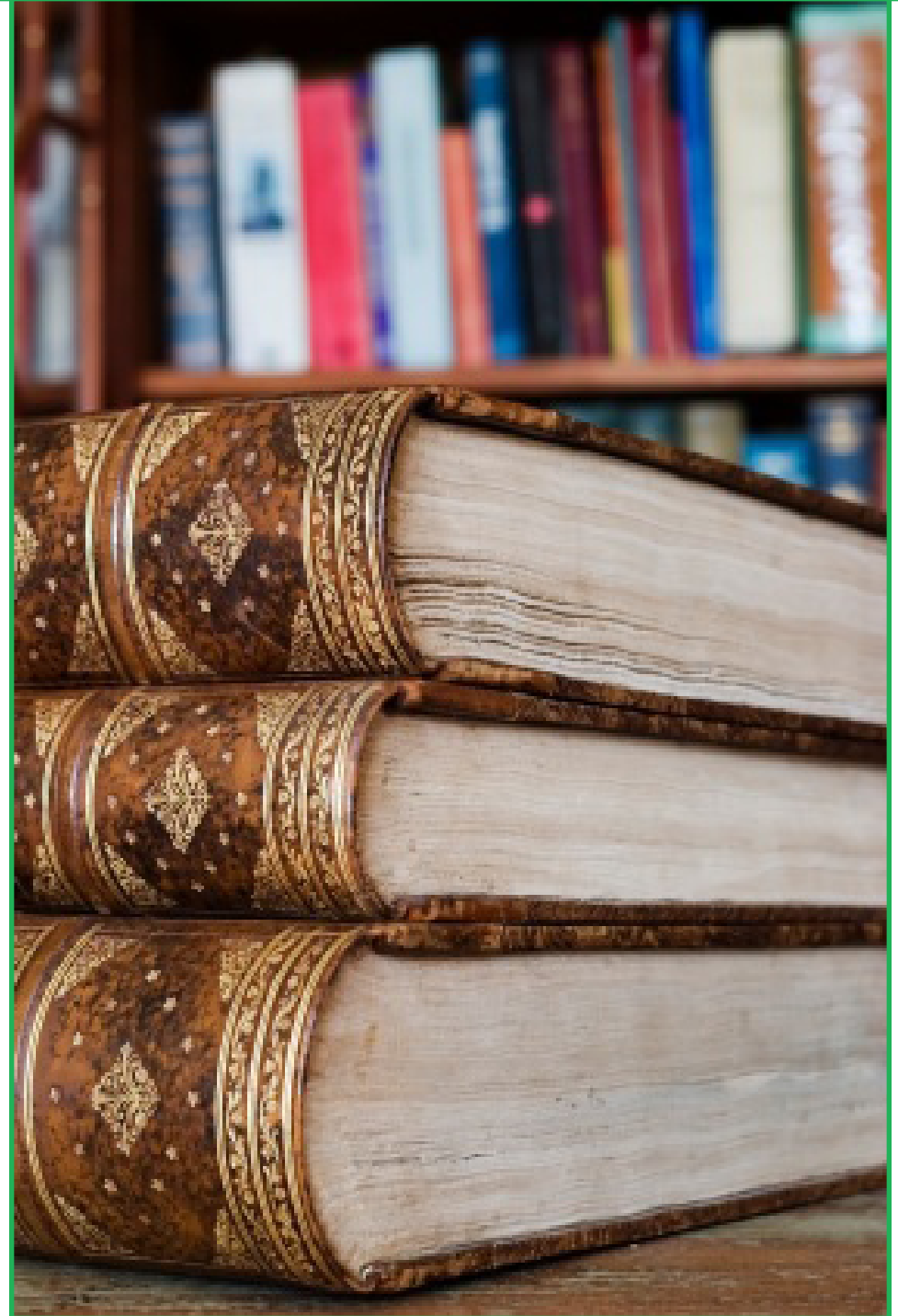


Appendix C: *Resources*





APPENDIX C: RESOURCES

CAREER AND EDUCATIONAL RESOURCES

The following Internet resources provide diverse, career-related information that can be used by teachers, students, and program administrators to identify current trends in career planning efforts.

- **America's Career InfoNet** — This site offers a one-stop resource for learning about careers, including information organized by occupation, industry, and state. In addition, the site provides a number of interactive tools for career, education, and business decision-making. www.acinet.org
- **Bureau of Labor Statistics** — Provides a number of resources for teachers and students, including an “Occupational Outlook Handbook,” a section on “Occupations by Education Level and Projected Growth,” and “Occupational Profiles,” which highlight where occupations are prevalent and expected pay rates. www.bls.gov
- **Explore Career Options** — This site offers resources for pursuing a variety of careers, including careers in construction and transportation. Features include information on which occupations are in demand and matching programs available in a specific area with the skills and education required to fill those in-demand positions. www.careervoyages.gov
- **Registered Apprenticeships** — The U.S. Department of Labor's site for the Registered Apprenticeship Program, which offers access to 1,000 career areas and provides information on the program (and

career information as well) for students, parents, and employers. www.doleta.gov/atels_bat

- **Achieve** — Created by the nation's governors and business leaders, this site provides resources to help states raise academic standards and achievement so that all students graduate ready for college, careers, and citizenship. www.achieve.org
- **Career Clusters** — The Web site for the States' Career Clusters Initiative (SCCI), which features research, products, and services related to implementing career clusters based programs of study in schools. www.careerclusters.org
- **Edutopia** — Sponsored by the George Lucas Foundation, this site offers inspiring articles about and resources for innovative teaching in K-12 schools. www.edutopia.org
- **High Schools that Work** — This site, sponsored by the largest and oldest of the Southern Regional Education Board's (SREB) school improvement initiatives for high school and middle grades leaders and teachers, features information about exemplary school and classroom practices. www.sreb.org/Programs/hstw/hstwindex.asp
- **Project Lead the Way** — The Web site for a not-for-profit organization that promotes pre-engineering courses for middle and high school students by forming partnerships with public schools, higher education institutions, and the private sector. www.pltw.org



GENERAL SERVICE LEARNING AND CAREER EXPLORATION INFORMATION

- Center for Community Engagement
www.csulb.edu.cce
- CSU Service Learning
www.calstate.edu/csl
- Campus Compact
www.compact.org
- California Campus Compact
www.cacampuscompact.org
- American Association of Colleges & Universities
www.aacu-edu.org
- California Service Corps
<http://www.csc.ca.gov/index.asp>
- HUD Office of University Partnerships
<http://www.oup.org>
- Journal of Higher Education Outreach and Engagement
www.uga.edu/~jps
- Learn, Serve, & Surf
www.edb.utexas.edu/servicelearning/index.html
- Michigan Journal of Community Service Learning
www.umich.edu/~ocsl/MJCSL
- National Service-Learning Clearinghouse
<http://www.servicelearning.org/index.php>
- Students in Service
<http://www.studentsinservice.org>

- National Society for Experiential Education
www.nsee.org
- DiplomaGuide.com
<http://diplomaguide.com>

CONSTRUCTION CURRICULUM DEVELOPMENT RESOURCES

RESOURCES AVAILABLE FROM MISSOURI CENTER FOR CAREER EDUCATION (FREE LOAN LIBRARY)
WWW.MCCE.ORG

Architecture & Construction Resources @ MCCE

T&I DVD ROM 10

Building Construction: Fundamentals

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA, 2003.DVD ROM

This presentation includes how to layout plates, make corners and tees, construct wall units, partitions, window and door units and headers. Step-by-step instructions are provided for cutting ceiling joists and rafters with demonstrations on proper techniques for some of the more exacting procedures (“lip-ping” a joist, cutting a “birdsmouth,” marking a ridgeboard and assembling the rafters) necessary for beginning builders. During completion of the 16’ X 10’ portable building, you will learn proper techniques for laying a roof with discussions and demonstrations of the following roof construction steps: laying the roof deck, attaching metal flashing along the edges, rolling out and laying the roofing felt, marking the felt to prepare it for the asbestos shingles, and cutting a nailing composition shingles in an effective method and pattern. 160 min, 4 sections, 1 printable resource and 17 Web resources.



T&I DVD ROM 11

Building Construction: Site Surveying & Development

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA, 2003.

DVD ROM

Computer-generated visual effects help illustrate surveying concepts often difficult to teach in a classroom setting, such as differential leveling and profile leveling. As the featured expert illustrates route surveying and the setting of property boundaries, he also discusses equipment, field notes, other data collection and data analysis techniques. 101 minutes, 3 sections.

T&I DVD ROM 12

Building Construction: Concrete & Masonry

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA, 2003.

DVD ROM

Join an educational instructor in a lesson in safety and masonry techniques as students follow in selecting building materials and setting up guidelines. He stresses the consequences of poor workmanship and provides tips to create professional quality projects. This DVD also demonstrates the uses of concrete finishing tools to help in construction. A concrete expert shows how to use building techniques to form simple constructions, like a concrete slab. The course also includes informational steps for working with concrete. 144 min, 4 sections, 4 printable resources and 17 Web resources.

T&I DVD ROM 8

Building Construction: Basic Masonry

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA.

DVD ROM

An experienced agricultural education instructor teaches equipment identification, safety and masonry techniques as he demonstrates how to build a brick wall and a block wall. Follow along as he selects the building material, sets up guide lines, mixes mortar, “butters” the bricks and blocks, lays rows and explains clean-up procedures for building these standard construction structures. He points out the consequences of poor workmanship and gives tips on how to create professional-looking masonry structures. A supplement is included. 46 minutes.

TE DVD ROM 4

Measurement: The Long and the Short of It

Shopware

LAWRENCEVILLE, NJ, SHOPWARE, 2007.

DVD ROM

Emphasizing hands-on practice, this program is an excellent tool for introducing the basics of linear measurement: its history, terminology, systems, and practical applications. Using both customary and metric rulers, Measurement: The Long and the Short of It will guide your students through the process of taking measurements, performing related calculations using whole numbers and fractions, and arriving at answers they can feel confident with. Middle school, high school, and vocational/technical school. 16-minutes.



AG DVD ROM 100

Basic Methods of Measuring and Cutting Shopware
HAMILTON, NJ, FILMS MEDIA GROUP, 2004.

DVD ROM

This program reviews the English and metric measurement systems, and demonstrates how to measure and mark lumber and then cut with handsaws and portable power saws. Includes background on the careful and appropriate use of hand and power tools. 13 minutes.

AG DVD ROM 101

Ripping and Crosscutting
Shopware

HAMILTON, NJ, FILMS MEDIA GROUP, 2004.

DVD ROM

This program shows students the professional way to rip and crosscut with smooth precision. Includes background on the careful and appropriate use of hand and power tools involved. 14 minutes.

AG DVD ROM 102

Working With Nails and Screws

Shopware

HAMILTON, NJ, FILMS MEDIA GROUP, 2004.

DVD ROM

This program demonstrates how to drive and remove nails and explains how to work with wood screws--from pre-drilling, to countersinking and plugging, to increasing their holding power. Includes background on the careful and appropriate use of the hand and power tools involved. 17 minutes.

TE DVD ROM 10

**Deconstruction: The Science of Building a House-Founda-
tion to Roof**

Discovery Channel University

LAWRENCEVILLE, NJ, SHOPWARE, 2004.

DVD ROM

This video highlights scientific aspects of concrete, steel, wood, and nails—and the forces that impact them. Experiments done on the building site and at materials testing labs investigate the strengths of concrete, rebar, and engineered lumber; the chemical properties of Portland cement and galvanized nails; and the effects of dead load and live load, torque and shear induced by wind and earthquakes, and Bernoulli's Principle as it relates to the effects of tornadoes on roofs. Microscope and infrared imaging plus animations give extra angles of insight. So do field trips to a concrete batch plant, a tree farm to study silviculture, and a saw mill to see how computerized cutting and sorting are done. 50 minutes.

TE DVD ROM 11

**Deconstruction: The Science of Building a House-Plumb-
ing to Paint**

Discovery Channel University

LAWRENCEVILLE, NJ, SHOPWARE, 2004.

DVD ROM

A home is more than a house; technologically speaking, it's an engineered habitat. This video explains how electrical, plumbing, and HVAC systems work with selected parts of the building envelope — building wrap, windows, fiber-glass insulation, gypsum wallboard, and paint — to keep the weather out and comfort in. Animated diagrams, microscopic and thermal imaging, on-site demonstrations, and off-site tests are used to show how things like circuit breakers and P-traps work; to define U-factor, R-value, permeance, and other



technical terms and concepts; to demonstrate color-matching and paint-making; and to isolate envelope failures leading to moisture infiltration and mold. A visit to a USG wallboard plant is also included. 50 minutes.

T&I DVD ROM 11.1

Plumbing: Material & Tool ID

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA.

DVD ROM

More than 40 types of pipe, fittings and tools used in basic plumbing practices are identified and explained in the program. The featured speaker discusses the advantages and disadvantages, common lengths and gauges and uses for galvanized steel, copper (rigid and flexible) and plastic (PVC, CPVC, and ABS) pipe. His discussion of fittings includes couplings, 90 and 45 degree elbows, 90 degree street ell, reducer bushing, female and male adapters, gate and globe valves, union and tee connections. Twenty-two plumbing tools are identified and their usage explained. 47 minutes.

T&I DVD ROM 10.3

Building Trades II Construction Estimating: Industry Standards

Shopware

LAWRENCEVILLE, NJ, FILMS MEDIA, 2004.

DVD ROM

In this program, students will learn a number of industry-standard techniques used to calculate the amounts of building materials for many common construction projects. 19 minutes.

T&I 14.0100 D246

Estimating Building Costs For the Residential & Light Commercial Contractor

Wayne J. DelPico

KINGSTON, MA, REED CONSTRUCTION DATA, INC., 2004.

BOOK

This book provides a step-by-step process for organizing the information needed to assemble an estimate. Includes a detailed look at construction specialties explaining the components, takeoff units, and labor-hours--for site work, concrete and masonry, framing, roofing, siding, finish work, HVAC, plumbing and electrical, and special construction.

T&I DVD ROM 9.1

Inside the Electrician's Toolbox

Shopware

HAMILTON, NJ, FILMS MEDIA GROUP, 2008.

DVD ROM

This program includes a general introduction of electricity--electrons, current, kilowatts, and the journey of electrical power from utility company to home--and examines the work materials and tools commonly used by an electrician. Wires, cables, conduits, boxes, receptacles, and switches are illustrated, and the tools required to cut and run cable or conduit, detect and test voltage, and wire or connect fixtures are shown in action. Wiring diagrams and blueprints are also considered, and safety is stressed throughout. Recommended for high school, vocational/technical school, and adult education. 26 minutes.



T&I DVD ROM 9.2

Electric Current-Electricity: A 3-D Animated Demonstration

Shopware

LAWRENCEVILLE, NJ, FILMS MEDIA GROUP, 2008.

DVD ROM

This program explores how electric energy became an essential tool with the advent of electricity storage, allowing the flow of current to do useful work. Conductors and insulators, voltage, and current are defined and examined, using a water flow model to help ensure understanding. The difference between electron flow and current flow models is explained, and the nature of direct and alternating current (both one- and two-phase) is developed. Specific modules include Tapping a Source, Conductors and Insulators, Direction of Flow, Potential Difference, Measuring Voltage, Measuring Current, Alternating Current, and AC Voltage. 26 minutes.

T&I DVD ROM 9.5

Electrical Components Part 1: Resistors, Batteries, and Switches

Shopware Production

LAWRENCEVILLE, NJ, FILMS MEDIA GROUP, 2006.

DVD ROM

Fixed resistors, variable resistors, ballast resistors, batteries, and various types of switches are explained in this program. Computer animation, component cut-aways, and lab experiments are used to demonstrate how these basic components function. Designed for classes in electricity-electronics, technology, auto mechanics, and other technical areas. A Shopware Production. 22 minutes.

T&I DVD ROM 9.6

Electrical Tools, Safety & Wiring

CEV Multimedia

LUBBOCK, TX, CEV MULTIMEDIA, 2003.

DVD ROM

This program focuses on basic electrical safety procedures, and discusses a wide variety of topics, such as: Over-current protective devices; Care of insulation on electric power cords; Correct use of tools and following safe and approved working procedures; Proper electrical material identification. In order to provide practical application, electrical demonstration boards provide students with visual demonstration on how to wire three circuits commonly found in most residences— duplex receptacle, lighting fixture controlled by a dimmer and a three-way lighting circuit. 4 sections, 250 minutes.

T&I DVD ROM 11.2

HVAC Basics: Residential Heating and Ventilation

Shopware

LAWRENCEVILLE, NJ, FILMS MEDIA, 2008.

DVD ROM

This program illustrates several different types of heating systems, including forced-air gas furnaces, high-efficiency furnaces, and hot air systems. Different types of ignition and fuels are covered, along with the major elements of gas furnaces, including solenoids, burners, manifolds, heat exchangers, and more. Air flow components such as supply and return plenums, air filters, and split capacitor motors are also explained, in addition to thermostats, pilot safety switches, and gas valves. Viewers will get a look at the automated service centers at the heart of many modern large office buildings, which maintain climate control using high-tech sensors and adjustment systems. 24 minutes.



T&I DVD ROM 11.3

HVAC Basics: Residential Air Conditioning

Shopware

LAWRENCEVILLE, NJ, FILMS MEDIA, 2008.

DVD ROM

This program, summarizes air conditioning operation and service. Typical systems for cooling or dehumidifying residential environments are covered. Details on condensing units and their components—including the condenser coil, compressor, motor, fan, and accumulator—are illustrated along with typical outside housings and insulation materials. The three methods of heat transfer—conduction, convection, and radiation—are outlined, along with the difference between high side and low side pressure systems. The refrigeration cycle is demonstrated, as are different types of compressors, such as scroll, reciprocating, and piston. Heat pumps, electrical controls, evaporators, and sight glasses are explained. 21 minutes.

T&I DVD ROM 1.2

Safety Doesn't Happen By Chance

Meridian Education Corporation

PRINCETON, NJ, MERIDIAN EDUCATION CORPORATION, 2001.

DVD ROM

This program provides a guide to basic construction safety concerns and practices. Topics include: Personal protective equipment, including hardhats, protective glasses and goggles, clothing, and boots; Tool safety rules and tips; Electrical safety practices, including use of ground-fault circuit interruptors (GFCIs); Hazard communication, such as material safety data sheets (MSDS); Ladder and scaffold safety. A summary of the main points concludes the program. 12 minutes.

T&I DVD ROM 1.3

Jobsite Safety

Shopware

LAWRENCEVILLE, NJ, FILMS MEDIA, 2008.

DVD ROM

This program illustrates the key issues residential builders and workers need to focus on in order to reduce accidents and injuries. Based on the NAHB-OSHA Jobsite Safety Handbook, the program conveys a wide range of safety information in easy-to-understand demonstrations. Topics include the use of personal protective gear, such as hard hats, gloves, and steel-toed shoes, as well as scaffolding, ladders, stairways, vehicles, mobile machinery, and other equipment. Site organization, lifting safety, electrical safety, trenching, excavation, fire prevention, basic fall protection, and hazard signage and communication are also covered. 21 minutes.

TE DVD ROM 13

The Future of Home Construction: New Techniques, New Technologies

Meridian Education Corporation

MONMOUTH JCT., NJ, MERIDIAN EDUCATION CORPORATION, 2001.

VIDEO

This program travels to the National Association of Home Builders' Research Center to study four townhouses constructed using some of today's most innovative building materials and energy-saving technologies. Filmed at each stage of construction, these houses showcase foundations made of precast, pre-insulated, high-strength reinforced concrete or insulating concrete forms; walls made of ICFs, Hebel blocks, or steel framing; exterior finishes that incorporate thermally elastic stucco; and standing seam steel roofs. Photovoltaic roofing panels, a natural gas heat pump that uses a non-CFC



refrigerant, an electronic home energy management system, gas fireplaces, doors made from sawmill residue and wood scraps, a geothermal heat pump, a pellet stove, and a combined space heating and water heating system are also featured. 11 minutes.

T&I DVD ROM 12.1

Green Architecture: Environmentally Friendly Housing Films for the Humanities & Sciences

HAMILTON, NJ, FILMS FOR THE HUMANITIES & SCIENCES, 2008.

DVD ROM

This program tracks the teams from the University of Maryland, MIT, The University of Texas at Austin, and Lawrence Technological University as they seek out corporate sponsors, research available materials, and hone their construction skills to create appealing living spaces that require zero energy. 31 minutes.

FCS DVD ROM 63.2

Home Performance: The First Step to Green Shopware

HAMILTON, NJ, FILMS MEDIA, 2010.

DVD ROM

This program takes viewers through a home performance audit and shows how insights into the thermal envelope, energy footprint, and structural soundness can guide the remodeler and homeowner through the first steps toward creating a greener home. An overview of high-efficiency HVAC and geothermal technologies and the role they play in a house's energy efficiency is also explored. 40 minutes.

TE VIDEO 80

Discovering Math: Concepts in Geometry

Discovery School

SILVER SPRING, MD, DISCOVERY EDUCATION, 2005.

VIDEO

This program shows the role that math plays in the design, technology, and construction of buildings, from ancient Greek architecture to modern skyscrapers. Grades 9-12. 56 minutes.

AE 02.0102 H773

Practical Problems in Mathematics for Carpenters, 8th Edition

Mark Huth and Harry Huth

CLIFTON PARK, NY, DELMAR, 2006.

BOOK

Text presents basic mathematical problems relevant to the construction trade, accompanied by illustrations that together give readers the opportunity to apply and practice math principles common to carpentry.

E 10.0401 R553

Problem-Based Learning for Math & Science: Integrating Inquiry and the Internet, Second Edition

Diane L. Ronis

THOUSAND OAKS, CA, CORWIN PRESS, 2008.

BOOK

Resource for educators who want to expand their teaching repertoire and shift instruction from a teacher-centered to a learner-centered perspective. The author demonstrates how the problem-based learning (PBL) method gives students the opportunity to actively explore and resolve authentic problem simulations and student-identified problems in the community while strengthening their problem-solving skills. Provides: Problem-based learning activities relating to math and science



in each chapter; Projects that correlate to national science, mathematics, and technology standards.

C&E DVD ROM 25

Landing a Job in the Trades

Shopware

LAWRENCEVILLE, NJ, SHOPWARE, 2006.

DVD ROM

This DVD explores essential self-marketing practices that transform job-seekers into wage-earners, focusing on the best ways to display valuable skills and personality characteristics. The program illustrates how to structure a resume based on skills and background, how to compose a cover letter, how to behave and communicate during an interview, and how to follow up with a winning thank-you letter. Special emphasis is placed on building an upwardly-mobile approach, encouraging applicants to display enthusiasm, leadership potential, and a willingness to learn. 16 minutes.

C&E DVD ROM 48

Soft Skills in the Workplace

JIST Publishing

ST. PAUL, MN, JIST PUBLISHING, 2008.

DVD ROM

Soft skills include everything from getting to work on time to getting along with others to being enthusiastic on the job. This program focuses on the role these skills play in the workplace and offers insight into which skills viewers will need to develop to effectively handle a variety of work situations. This program is divided into several sections that demonstrate how certain soft skills influence one's performance on the job.

C&E DVD ROM 24.3

Introduction to Career Clusters

Career Kids, LLC

AUBURN, CA, CAREER KIDS, LLC, 2009.

DVD ROM

Introduces students to the 16 career clusters developed by the U.S. Department of Education. Each cluster shows a variety of people in their jobs, as well as the skills, interests and school subjects helpful for success. Provides students with information to begin their career exploration activities. Approximately 28 minutes.

C&E DVD ROM 24.2

Exploring Career Clusters and Paths

JIST Publishing

ST. PAUL, MN, JIST PUBLISHING, 2008.

DVD ROM

This program features real students describing their interests, what they like to do, and what they are good at as the basis for exploring career options. Next, the program demonstrates how this insight is fundamental to a young person's career exploration. Career experts describe basic strategies young people can do to find their career interests and career direction. Emphasizes the relationship between school subjects and careers. Students learn how to explore their career clues and how to consider opportunities in the 16 U.S. Department of Education career clusters. Career information sources, such as reference books and Web sites, are also discussed. Information about networking, volunteering, and internships connect students to ideas for gaining work experience and learning more about careers. 20 minutes.



TE DVD ROM 13.1

Building Green: Green Careers

Phoenix Learning Group, Inc.

ST. LOUIS, MO, PHOENIX LEARNING GROUP, INC., 2008.

DVD ROM

Program explores this industry where there is a high demand for trained professionals, designers, and workers to help improve the efficiency of commercial and residential buildings through better design of new buildings and smart improvements to existing structures. Jobs profiled include: Solar Installer, Lighting Technician, Energy Auditor. Grades 7 - College. 19 minutes.

C&E 13.0001 R228

Career Ideas For Teens in Architecture and Construction

Diane Lindsey Reeves, Gail Karlitz, Don Rauf

NEW YORK, NY, FERGUSON, 2005.

BOOK

Construction and architecture form one of the largest industries in the United States. From planning, drafting, and building to maintenance and operations, this field offers a broad range of exciting, hands-on careers. Careers profiled include: Architect; Brick mason; Carpenter; Civil engineer; Demolition engineer; Electrician; Estimator; General contractor Interior designer; Landscape architect Preservationist; Urban planner.

TE VIDEO 72

Collapse: Failure by Design

Discovery Channel School

BETHESDA, MD, DISCOVERY COMMUNICATIONS, INC., 2001.

VIDEO

When builders use innovative materials or implement creative design, sometimes the result is disastrous. Explore the flaws of four structures that failed the test of integrity and collapsed. Grades 6 - 12. 25:50 minutes.

TE DVD ROM 41

The Lost City of New Orleans: A Case Study

Films for the Humanities & Sciences

PRINCETON, NJ, FILMS MEDIA GROUP, 2006.

DVD ROM

Throughout the world, sea levels are rising, coastlines are crumbling, and the intensity of hurricanes is increasing. Is the situation in New Orleans a glimpse into the future of all cities that exist near major bodies of water? Filmed six months after Katrina, this program analyzes why New Orleans flooded so catastrophically and asks whether the city — constructed on a steadily subsiding floodplain and losing coastal barrier land at the highest rate in the U.S. — should be rebuilt at all. Louisiana State Climatologist Barry Keim; Harry Roberts, director of LSU's Coastal Studies Institute; hurricane expert Ivor Van Heerden; Colonel Richard Wagenaar, of the Army Corps of Engineers; and Hassan Mashriqui, who is developing coastal hydrologic/hydraulic modeling capabilities for the LSU Hurricane Center, are among the experts featured. Original BBCW broadcast title: The Lost City of New Orleans. 50 minutes



CONSTRUCTION INDUSTRY INFORMATION

GENERAL CONSTRUCTION INDUSTRY INFORMATION

- Occupational Outlook Handbook, 2010-11 Edition
<http://www.bls.gov/oco/oco1009.htm>
Associated Builders and Contractors
- Workforce Development Department, 9th Floor
4250 North Fairfax Dr., Arlington, VA 22203
<http://www.trytools.org>
- Associated General Contractors of America, Inc.
2300 Wilson Blvd, Suite 400
Arlington, VA 22201
<http://www.agc.org>
- National Association of Home Builders
Home Builders Institute
1201 15th St NW
Washington, DC 20005-2800
<http://www.hbi.org>
- National Center for Construction Education and Research
PO Box 141104
Gainesville, FL 32614
<http://www.nccer.org>

SPECIFIC TRADES RESOURCES

- Vocational Information Center, Masonry Career Guide
<http://www.khake.com/page24.html>
- Mason Contractors Association of America (MCAA)
<http://www.masoncontractors.org>

<http://www.masoncontractors.org>

- HVAC Careers
<http://www.hvaccareers.com/>
- US Environmental Protection Agency
<http://www.epa.gov/iaq/schooldesign/hvac.html>
- Air Conditioning Contractors of America
www.acca.org
- American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)
<http://www.ashrae.org/>
- Refrigeration Service Engineers Society (RSES)
<http://www.rses.org/>
- Vocational Information Center, Masonry Career Guide
<http://www.khake.com/page18.html>
- National Electrical Contractors Association (NECA)
<http://www.necanet.org/>

REMODEL/REPAIR/FACILITIES MANAGEMENT INDUSTRY RESOURCES

- National Association of the Remodeling Industry (NARI)
780 Lee Street, Suite 200
Des Plaines, IL 60016
<http://www.nari.org/education>
- International Facility Management Association
1 E Greenway Plaza, Suite 1100
Houston, TX 77046
<http://www.ifma.org>



PUBLIC WORKS INDUSTRY RESOURCES

The following organizations are involved in the public works industry and are a resource for outreach ideas as well as possible partnering for local programs.

- American Concrete Institute (ACI)
<http://www.concrete.org/general/home.asp>
- American Concrete Pipe Association (ACPA)
<http://www.concrete-pipe.org/>
- American Concrete Pressure Pipe Association (ACPPA)
<http://www.acppa.org/>
- American National Standards Institute (ANSI)
<http://www.ansi.org>
- American Public Works Association (APWA)
www.apwa.net
- American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE)
<http://www.ashrae.org/>
- American Society for Quality (ASQ)
<http://www.asq.org>
- American Society for Testing and Materials (ASTM)
<http://www.astm.org/>
- American Segmental Bridge Institute (ASBI)
<http://www.asbi-assoc.org>
- Association of State Dam Safety Officials (ASDSO)
<http://www.damsafety.org>
- American Statistical Association (ASA)
<http://www.amstat.org/>
- ASM — The Materials Information Society
<http://asmcommunity.asminternational.org/portal/site/www/>
- American Traffic Safety Services Association (ATSSA)
<http://www.atssa.com/>
- American Water Works Association (AWWA)
<http://www.awwa.org/>
- Associated General Contractors of America (AGC)
<http://www.agc.org/>
- Association for Facilities Engineering - AFE (formerly AIPE)
<http://www.afe.org/>
- Intelligent Transportation Society of America
<http://www.itsa.org/>
- International Desalination Association
<http://www.idadesal.org/>
- International Right of Way Association
<https://www.irwaonline.org/eweb/startpage.aspx>
- International Road Federation
<http://www.irfnet.org/>
- International Organization for Standardization (ISO)
<http://www.iso.org>
- Masonry Institute of Washington
<http://www.masonryinstitute.com>



- Materials Research Society (MRS)
<http://www.mrs.org/>
- National Association of Clean Water Agencies
<http://www.nacwa.org/>
- National Association of Counties
<http://www.naco.org/>
- National Association of Manufacturers (NAM)
<http://www.nam.org/>
- National Association of Pipe Fabricators, Inc.
<http://www.napf.com/>
- National Association of Towns and Townships
<http://www.natat.org/>
- National Association of Water Companies (NAWC)
<http://www.nawc.org/>
- National Association of Women in Construction
www.nawic.org
- National Fire Protection Association
<http://www.nfpa.org>
- National Institute of Standards and Technology (NIST)
<http://www.nist.gov>
- National Onsite Wastewater Recycling Association
<http://www.nowra.org/>
- National Recycling Coalition, Inc.
<http://www.nrc-recycle.org/>
- National Research Council
<http://www.nationalacademies.org/nrc/>
- National Rural Water Association (NRWA)
<http://www.nrwa.org>
- National Solid Wastes Management Association (NSWMA)
<http://www.environmentalistseveryday.org/>
- National Utility Contractors Association (NUCA)
<http://www.nuca.com/>
- North American Society for Trenchless Technology (NASTT)
<http://www.nastt.org/>
- Public Utilities Risk Management Association
<http://www.purma.org/>
- Steel Structures Painting Council (SSPC)
<http://www.sspc.org/>
- U.S. Environmental Protection Agency
<http://www.epa.gov/>
- UNI-BELL PVC Pipe Association
<http://www.uni-bell.org/>
- Urban and Regional Information Systems Association
<http://www.urisa.org/>
- Valve Manufacturers Association of America (VMA)
<http://vma.yourmembership.com/>
- Water and Wastewater Equipment Mfr. Assoc. (WWEMA)
<http://www.wwema.org/>
- Water Environment Federation (WEF)
<http://www.wef.org/Home>



- Water Quality Association (WQA)
<http://www.wqa.org/>

PROGRAM ADMINISTRATION RESOURCES — ESTABLISHING ADVISORY PROGRAMS

- <http://www.ode.state.or.us/teachlearn/pte/leadership-guide.pdf>
- <http://www.doe.mass.edu/cte/resources/acguide.pdf>
- http://www.cccs.edu/Docs/CTE/AdvisoryCommittee-Guide_10-03.doc
- http://www.michigan.gov/documents/Advisory_Committee_Handbook_125499_7.doc
- <http://www.ade.state.az.us/cte/info/MembersGuide.pdf>
- <http://www.state.tn.us/education/cte/directors/doc/developadv07sum.ppt>